

Nitto

Innovation for Customers

Elastic Films



www.nitto.com

Elastic Film Solutions

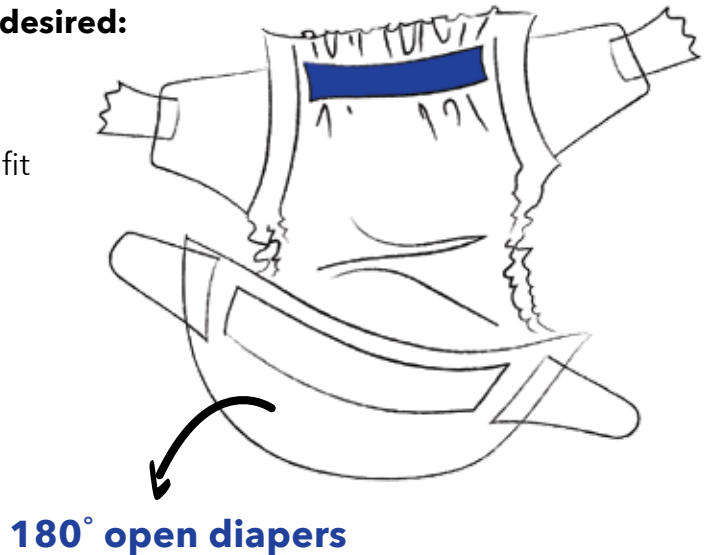
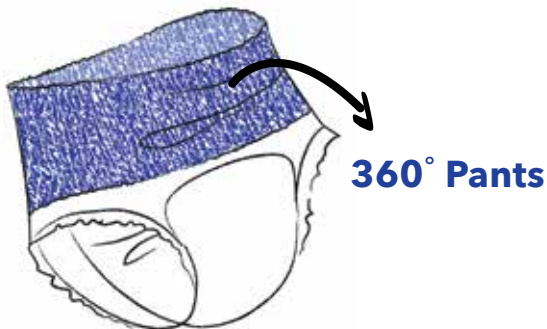
Comfort for all generations

As a global leader in elastic film and laminate technology, Nitto provides a wide range of features for hygiene products. With our market insights we help you to add the feelgood factor to your designs.

Our Highlights

Stretchy where needed and snug where desired:

- Soft and gentle stretch-performance, tailor-made for the application
- Dependable retraction force for the ideal fit



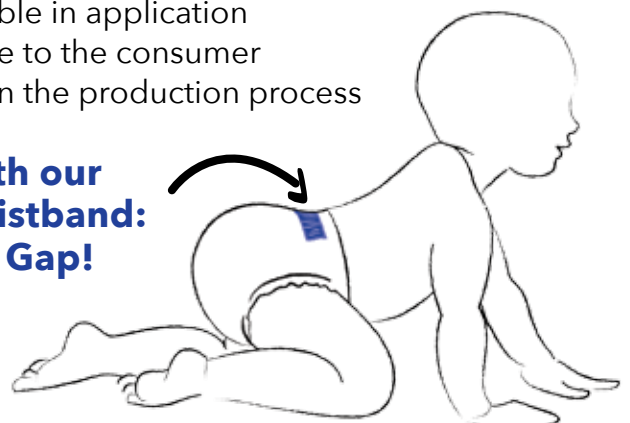
Lite Film Perforation

The perfect film: thin, affordable, durable, breathable.

At Nitto we developed a new breathable film, packed with remarkable features:

- remarkably comfortable in application
- remarkably affordable to the consumer
- remarkably efficient in the production process

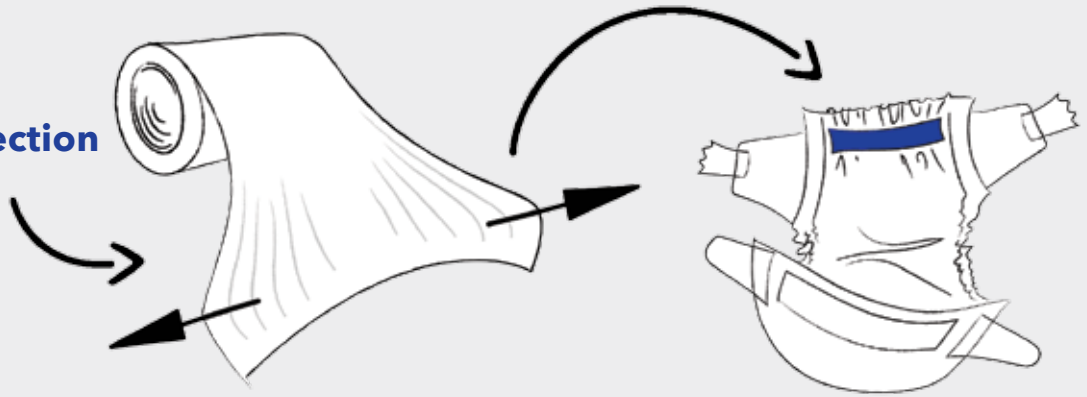
**With our waistband:
No Gap!**



180° open diapers

A diaper should stay in place and fit snugly without pinching the wearer's delicate skin and - of course - it should avoid leaking. Our unique waistband design is the perfect all around fit feature for open diapers that make babies smile.

CD = Cross direction to the machine



Two standard solutions

Two film versions

Product design

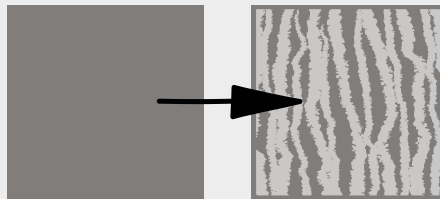
before stretching after stretching

activation on spreader

1st load @ 15-20% [N/Inch]

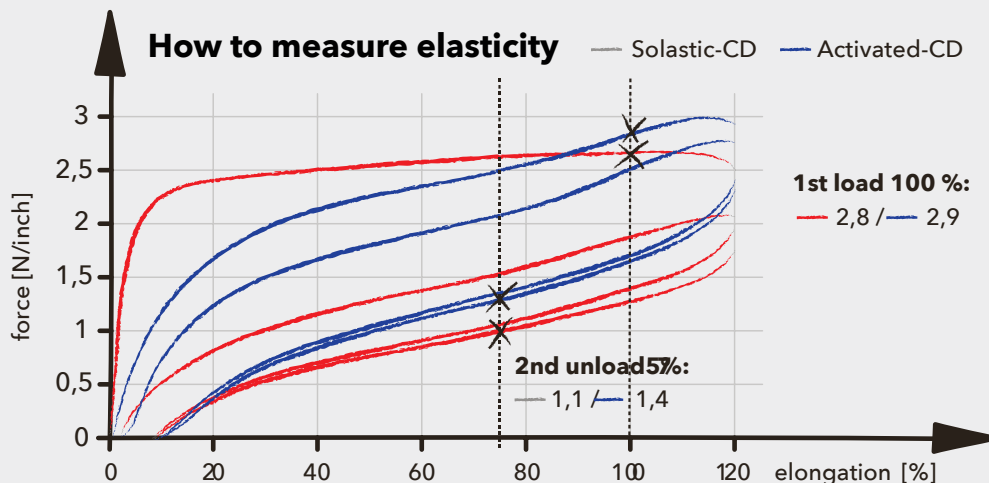
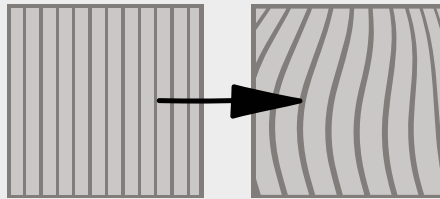
Solastic-CD

- Higher module in machine direction
- Easier to convert in machine direction
- Thickness: 50 µm
- Available colors: white, purple, green, blue



Activated-CD

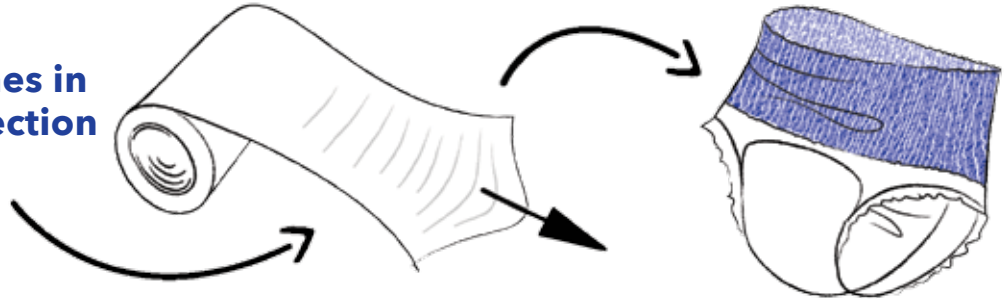
- Lower module in machine direction
- Optimized retraction performance
- Thickness: 40 µm, 50 µm
- Available colors: white, transparent



360° pants

When discretion is essential you need reliable solutions. And in such cases we do not believe in shortcuts. That is why the technologies we developed for our adult diaper lines are tried, tested and proven in form, function and reliability.

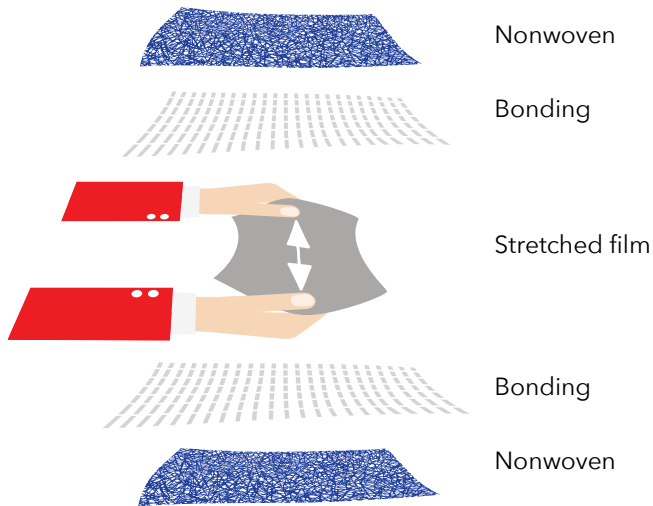
MD = stretches in machine direction



Benefits & Characteristics

Colors: white & transparent | **Quality:** soft & super soft | **Thickness:** 30 µm & 40 µm

Why is it so soft? Because of this:



**The Result:
it's supersoft!**



MD laminate

More good reasons at a glance:

- Enables smart product design due to perfect adjustability in converting
- Extensive processing range with reliable pre-stretch rates of 200 - 400 %
- Resourceful light performance films based on olefin formulations
- Empowers the consumer to experience discreet underwear sensation

**Super soft &
perfect fit in
all sizes!**



Now and Forever, Innovation for Customers.

Nitto Advanced Film Gronau GmbH

For every generation: your experts in nonwovens & elastic films.

Nitto is a leading supplier of elastic and nonwoven solutions for the hygiene industry. We offer comprehensive baby care, adult incontinence, feminine care, and nonwovens for wipes solutions that are high in performance and comfort. With our components, babies stay relaxed, women feel secure, seniors keep their dignity and you even can just wipe away little worries.



Baby Care: The comfort of simplicity

Explore our wide range of soft and comfortable features ideal for baby care products. We help our customers design and produce diapers with remarkable and lasting comfort.



Feminine Care: Empowered Solutions

Our features increase comfort, and are silent when it matters most. Our films have a proven track record in stacking and machine processability, enabling an economic solution for high quality components.



Adult Incontinence: A new form of comfort

Adult incontinence products have their own set of unique requirements. Our innovative components for briefs with ears or belts help you bring comfort and convenience you can rely on.



Nonwoven for Wipes: A new level of flexibility

Discover our highly useful, innovative and customisable solutions from mono-layer carded nonwovens and our SAC and CAC technology for a wide range of applications. The future is coming soon, as we are developing our sustainable nonwoven materials which will be 100 % biodegradable.

**For more
information:**

www.nitto.com

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